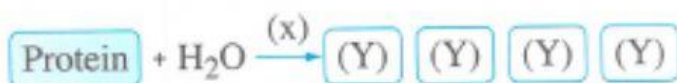


Choose the correct answer (1 : 21) :

1 If we supposed that the plant (X) obtains its food in the form of glucose, vitamin (B), water and salts. So, this means that the plant is

- a autotrophic and contains simple chlorophyll.
- b autotrophic and contains chlorophyll (A) only.
- c autotrophic and contains chlorophyll (B) only.
- d heterotrophic and doesn't contain chlorophyll (A) or (B).

2 The following diagram represents a vital process that occurs inside the human body, it is possible that



- a (X) is the peptidase enzyme and (Y) is polypeptide.
- b (X) is the peptidase enzyme and (Y) is amino acid.
- c (X) is the trypsin enzyme and (Y) is amino acid.
- d (X) is the pepsin enzyme and (Y) is polypeptide.

3 The opposite figure illustrates a unicellular animal that lives in the swamp and pond water, the arrow shows the transfer of molecules (Y) through the structure (X) by phenomenon.

- a diffusion
- b active transport
- c imbibition
- d osmosis

